UI5con@SAP AGENDA 2017

Time	Track A	Track B	Track C
09:30	**Opening**	**Opening (Broadcast)**	
09:35			
09:40	Frederic Berg	Frederic Berg	
09:45	09:30 - 09:50	09:30 - 09:50	
09:50	**News around UI5 that you absolutely have to know**	**News around UI5 that you absolutely have to know (Broadcast)**	
09:55			
10:00			
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10:20	Stefan Beck	Stefan Beck	
10:25	09:50 - 10:30	09:50 - 10:30	
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10:35			
10:40	**UI5 Evolution – performance, architecture, trends**	**Open-sourcing Offline UI5 apps**	**Write reliable application tests for your SAP UI5 application**
10:45			
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11:00			
11:05			
11:10	Peter Muessig, Andreas Ecker	Tom Van Doorslaer	
11:15	10:40 - 11:20	10:40 - 11:20	
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11:30	**SAPUI5 on SAP HANA XSA - SAP Full-stack JavaScript Development**	**Plug in your feature into SAP Web IDE**	Maxim Naidenov
11:35			10:40 - 11:40
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11:50			**Writing a real-time geolocation map with OpenLayers 3**
11:55			
12:00	HP Seitz	Wouter Lemaire, Vered Constantin	
12:05	11:30 - 12:10	11:30 - 12:10	
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12:20	**Upcoming – UI5 OData V4 Model**	**Developing Custom ESLint Rules**	
12:25			
12:30		Alexander Flammer	
12:35		12:20 - 12:40	
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12:50	Patric Ksinsik, Thomas Chadzelek		Manuel Blechschmidt
12:55	12:20 - 13:00		11:50 - 12:50
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13:30		**UI5 Supportability Reloaded**	
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13:40			**Functional Programming for your UI5 App**
13:45			
13:50	**Easy integrations with UI5**		
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14:00	Meredith Hassett	Gergana Kremenska, Stanislava Baltova	
14:05	13:50 - 14:10	13:30 - 14:10	
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14:20	**Collaborators wanted for UI5Lab - a Custom UI5 Repo**	**The UI5 app to create UI5 apps**	
14:25			
14:30	Michael Graf, Emanuele Ricci	Christopher C. Bouveret	DJ Adams
14:35	14:20 - 14:40	14:20 - 14:40	13:40 - 14:40
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14:45			
14:50	**Mixed Reality with OpenUI5**	**UI5 Apps beyond the office**	**FLP meets SAPUI5 – extending the Fiori Launchpad**
14:55			
15:00	Dmitriy Buslov	Denny Schreber	
15:05	14:50 - 15:10	14:50 - 15:10	
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15:15			
15:20	**Building a companion conversational UI for a Fiori App**	**Controlling UI5 Apps and FLP via Speech**	
15:25			
15:30	Gregor Brett	Aparna Narayanaswamy	
15:35	15:20 - 15:40	15:20 - 15:40	
15:40			Thilo Seidel
15:45			14:50 - 15:50
15:50	**IoT full stack scenario**	**A modern OpenUI5 app project boilerplate**	
15:55			
16:00			**Fiori 2.0 for Your Application**
16:05			
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16:20	Mateusz Skadorwa, Tomasz Wilk	Michael Dell, Jascha Quintern	
16:25	15:50 - 16:30	15:50 - 16:30	
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16:40	**CI: Build process & automated testing of UI5 Apps**	**Keep an eye on SAPUI5 Flexibility**	
16:45			
16:50			Stanislava Baltova, Yavor Ivanov
16:55			16:00 - 17:00
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17:10	Matthias Oßwald, Merlin Beutlberger	Alexander Rauh, Sebastian Wennemers	
17:15	16:40 - 17:20	16:40 - 17:20	
17:20			**Getting started with UI5 on Cloud Foundry**
17:25			
17:30	**Real-time Image Processing & Augmented Reality**	**Leveraging Service Workers**	
17:35			
17:40	Volker Buzek	Benedikt Schölch, Tobias Sorn	
17:45	17:30 - 17:50	17:30 - 17:50	
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18:00	**From native Android to UI5**	**UI5 Theming explained**	
18:05			
18:10	Jan Zaruba, Tomas Krejci	Matthias Oßwald	Frederic Berg
18:15	18:00 - 18:20	18:00 - 18:20	17:20 - 18:20
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18:25			
18:30	**Closing words**		
18:35	18:30 - 18:40		

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Booth 1	Booth 2	Booth 3	Time
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Metadata-Driven Controls with Rest Services	Behavior-Driven Development with OPA5 automated tests	UI5 Controls for Document Handling	10:40
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		Pia Kinkel, Christoph Laux	11:10
		10:40 - 11:20	11:15
Martin Schaus	András Kónya, Lóránt Guth	Embedded Analytics with Charts	11:20
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New Demo Kit - Your Way to UI5	The OpenUI5 Developer Blog - Behind the Scenes		11:40
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		Pia Kinkel, Christoph Laux, Bohdan Pukalskyi	11:50
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		Developer Clinic: UI5 Controls	12:00
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Petya Begovska	Holger Schäfer		12:10
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Adapting UI @ Runtime	Advanced Charting Controls Coming to UI5		12:30
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		Pia Kinkel, Bohdan Pukalskyi, Dominic Holzwarth	12:50
Mikhail Benderskiy, Christian Voshage	Ondrej Bohaciak, Vaclav Vopenka	12:00 - 13:00	12:55
12:30 - 13:10	12:30 - 13:10	How to Build an Ice Cream Machine with UI5 Controls	13:00
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		Christoph Laux, Bohdan Pukalskyi	13:50
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SEO for OpenUI5 Apps	Virtual Tour around a Company Site with UI5	Tiles in UI5	14:00
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Yavor Ivanov	Helmut Tammen		14:45
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Components – More Performance!	Teaser: Implementing Custom Tiles for SAP Fiori Launchpad as SAPUI5 Components	Christoph Laux, Bohdan Pukalskyi	14:50
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		Smart Micro Charts	15:00
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Peter Muessig, Matthias Oßwald	Stephan Heyne		15:25
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Create your own UI5 controls – what's coming up	Code-free Fiori Apps with SAP Web IDE RAD and Layout Editor		15:40
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		Bohdan Pukalskyi, Dominic Holzwarth	15:50
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		Embedded Analytics with Charts	16:00
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Andreas Kunz	Vered Constantin		16:10
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Time or Money? Time (DateFormat) and Money (NumberFormat)!	Drafts: Extending Two-Way Binding to Provide an Editing Concept		16:30
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		Pia Kinkel, Christoph Laux, Bohdan Pukalskyi	16:50
Jiawei Cao, Malte Wedel	Ian Robert Taylor, Dirk Teufel	16:00 - 17:00	16:55
16:30 - 17:10	16:30 - 17:10	Integrate Feed Capabilities Using UI5 Controls	17:00
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Effortless OPA testing with Gherkin Reusable Specs	A hitchhiker's guide to the UI5 demo apps & tutorials		17:20
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Savio Dimatteo	Elena Makarenko	Christoph Laux	17:50
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Start	End	Room	Speaker Name	Session Title	Session Abstract	Type
09:30	09:50	Room A	Frederic Berg	Opening		
09:30	09:50	Room B	Frederic Berg	Opening (Broadcast)		
09:50	10:30	Room A	Stefan Beck	News around UI5 that you absolutely have to know	SAPUI5 is evolving and thus best practices or recommended controls change over time. In this session, you'll get an update on the new supportability tool, the new DemoKit, new and updated controls, news in the framework like our plans towards OData V4 and improved Smart Controls. Finally we'll share some insights into more radical renovation activities that will come early in 2018.	Key Note
09:50	10:30	Room B	Stefan Beck	News around UI5 that you absolutely have to know (Broadcast)	SAPUI5 is evolving and thus best practices or recommended controls change over time. In this session, you'll get an update on the new supportability tool, the new DemoKit, new and updated controls, news in the framework like our plans towards OData V4 and improved Smart Controls. Finally we'll share some insights into more radical renovation activities that will come early in 2018.	Key Note
10:40	11:20	Room A	Peter Muessig, Andreas Ecker	UI5 Evolution – performance, architecture, trends	This session will provide an overview about the UI5 evolution topic. UI5 evolution is thought as the innovation project of OpenUI5/SAPUI5 which focuses on improving the performance, fixing architectural gaps and embracing Open Source technologies. Our challenge will be to do this innovation in a compatible way so that also existing applications will partially benefit.	Lecture
10:40	11:20	Room B	Tom Van Doorslaer	Open-sourcing Offline UI5 apps	I admit, offline UI5 apps are not exactly "Wow!". It's been done before, many many times.Except that,… well I've done it many times according to the SAP Standards and using the SMP SDK. It's tedious, and comes at a cost.So I figured: I can improve this. First of all, if you're developing in openUI5, you don't always have an oData service in the backend. More often than not, you'll be limited to a JSON service. So the offline oData Plugin is not an option. More so since you need an SMP license and you might not be in an SAP environment. Secondly, the SAP ERP data model is very ill-suited for data synchronizations. If you're not working on an SAP backend and you can still influence the data model, better do it right. Thirdly, executing operations on UI5 models is cumbersome, since you need to access the entity using a path, pull the data out, call some function with the data, catch the result and move it back into the model-entity… Cumbersome…Bit by bit, we'll tackle each of these issues and introduce: Timesliced database BusinessObjects (no, not businessObjects-analytics, but software represenations of a business object, as in OO) BusinessObjectModel Local DB Synch-model	Lecture
10:40	11:40	Room C	Maxim Naidenov	Write reliable application tests for your SAP UI5 application	Writing reliable application tests for web applications has never been easy. Modern JavaScript-centric frameworks like UI5 have made this even more complicated as the application UI is generated completely asynchronously by JavaScript code. The main challenge for an application test creator is to write a test that does not suffer from sporadic failures that dismiss its value as a testing tool. Together with all its enterprise qualities, OpenUI5 provides a state-of-the-art application testing framework called OPA. Using it, everyone can write application tests that synchronize with the state of the UI5 framework and provide inherent reliability without any explicit efforts from the test. Together with support for backend mocking provided from the MockServer one could build extensive, self-contained test suites that cover most UI interactions supported by the application.In this session we will start from an existing UI5 application and build an OPA test for some of its UI interaction scenarios. We will cover all aspects of test setup, selecting and interacting with UI5 controls, execution and debugging. We will also touch some advanced topics like structuring the tests in page objects and journeys, custom matchers and interaction with composite controls.As this session involves live coding, please make sure you have a local or remote development setup. For local development you will need: browser, Git client, nodejs (preferred v6.11.0 LTS). Or you can use SAP WebIDE by registering a SAP Cloud trial account at: https://cloudplatform.sap.com/try.html	Hands-On
10:40	11:20	Booth 3	Pia Kinkel, Christoph Laux	UI5 Controls for Document Handling	Complex process flows and document flows are clear and understandable when you use the ProcessFlow control. The ProcessFlow control visualizes documents or other items and their dependencies. Attaching documents to an app is easy when you use the UploadCollection control that includes features such as Multiple Upload, Drag&Drop, Sorting, Filtering.	Session
10:50	11:30	Booth 1	Martin Schaus	Metadata-Driven Controls with Rest Services	Concepts of upcoming features of UI5 to ease creation of building blocks and connection of controls to Rest Service Metadata.	Session
10:50	11:30	Booth 2	András Kónya, Lóránt Guth	Behavior-Driven Development with OPA5 automated tests	Imagine a world where development and business can understand each other without using lengthy code lines. Applying human-readable language you will have the possibility to enable everyone in your team, even your customers, to create business driven automated tests.Our solution will lead your agile workflow towards acceptance testing using OPA5 and Cucumber over Fiori stack which provide basis for behavior driven development.We are going to present a Cucumber and OPA5-based test automation framework where users write test scenarios adopting human-readable Gherkin language. Additionally, we will talk about the key test concepts of healthy test automation pyramids, appropriate placement of test levels, and misconcepts about TDD and BDD.	Session

Start	End	Room	Speaker Name	Session Title	Session Abstract	Type
11:20	12:00	Booth 3	Pia Kinkel, Christoph Laux, Bohdan Pukalskyi	Embedded Analytics with Charts	Learn how to use various types of charts in different sizes and form factors to provide analytical insights in your application.	Session
11:30	12:10	Room A	HP Seitz	SAPUI5 on SAP HANA XSA - SAP Full-stack JavaScript Development	Especially with the availability of SAP HANA Express Edition since September 2016 every developer has the possibility to do full-stack JavaScript development with SAP Backend. The session will demonstrate utilizing SAPUI5 on the SAP HANA Platform with HANA XSA (Node.js) using SAP Web IDE for SAP HANA and also an external IDE like WebStorm.This is the logical successor of the session "Full-stack JavaScript with OpenUI5" about the NEMO stack from the first UI5Con in Frankfurt.	Lecture
11:30	12:10	Room B	Wouter Lemaire, Vered Constantin	Plug in your feature into SAP Web IDE	SAP Web IDE is THE development environment for SAPUI5, mobile and other applications. Wouldn't it be great if you could extend it by adding new development capabilities and features? This is now possible. SAP Web IDE allows you to create extensions through which you can add new functionality to the SAP Web IDE and improve the development experience. In this session, we will present how you can develop, test and share with the development community your own SAP Web IDE features. We will show a real use case, that already leverages this capability, written by Flexso, an SAP partner.	Lecture
11:40	12:20	Booth 1	Petya Begovska	New Demo Kit - Your Way to UI5	The starting point for everyone working with UI5 is the Demo Kit Application. Here you can find all the needed information such as API Reference, Developer Guide, Samples and Demo apps.Now, it is completely redesigned to showcase the innovative, responsive and multi theme capable UI5 framework!Come and see the new Demo Kit app accessible on any device, with modern look and feel and easy to use. Provide your valuable feedback so we can make it even better!	Session
11:40	12:20	Booth 2	Holger Schäfer	The OpenUI5 Developer Blog - Behind the Scenes	Showcasing the apps and controls behind the blog for further Q&A	Session
11:50	12:50	Room C	Manuel Blechschmidt	Writing a real-time geolocation map with OpenLayers 3	In this session we will use a custom component (https://github.com/ManuelB/openui5-ol/) that wraps the OpenLayers v3 API (http://www.openlayers.de) for showing a map. This map will be bound to a XMPPJsonPatchSyncModel (https://github.com/ManuelB/XMPPJSONPatchSyncModel) to make it possible to track other people in real time on the map.You should pre-install the following software on your notebook: git Your favorite IDE ejabbered (a public server will be running on the speaker notebook) A webserver e.g. (python -m SimpleHTTPServer 8000)	Hands-On
12:00	13:00	Booth 3	Pia Kinkel, Bohdan Pukalskyi, Dominic Holzwarth	Developer Clinic: UI5 Controls	Get answers to your questions about UI5 Controls - such as GenericTile, MicroCharts, ProcessFlow, and many more.	Session
12:20	13:00	Room A	Patric Ksinsik, Thomas Chadzelek	Upcoming – UI5 OData V4 Model	Why is there the new OData Version 4.0 and how does UI5 support for it differ from OData V2 support? Learn about the architecture principles of the UI5 OData V4 model, its feature set and the current implementation status.	Lecture
12:20	12:40	Room B	Alexander Flammer	Developing Custom ESLint Rules	This session covers the development of custom ESLint rules for UI5 projects.Expand your static code checks to your specific needs - whether you want to make sure that certain coding standards are followed or some statements are not being used, you can do all of this with custom ESLint Rules integrating into your CI process.	Lecture
12:30	13:10	Booth 1	Mikhail Benderskiy, Christian Voshage	Adapting UI @ Runtime	Your application users have various good reasons for adapting their UI: to support their own business cases more efficient, to simplify workflows or to improve usability. Join us in this session to learn, why SAPUI5s innovative solution - UI Adaptation at Runtime (RTA) makes at as simple and efficient as never before, discuss your use-cases with our experts and share your own experience about UI extensibility! Complicated was in the past, now comes Flexibility!	Session
12:30	13:10	Booth 2	Ondrej Bohaciak, Vaclav Vopenka	Advanced Charting Controls Coming to UI5	We will present newly released and upcoming controls which we have developed in Brno Suite Controls team. We will have prototypes and demos ready for the upcoming controls and demo apps for released controls. We'll be happy to answer any questions regarding implementation of our controls in your apps.	Session
13:00	14:00	Booth 3	Christoph Laux, Bohdan Pukalskyi	How to Build an Ice Cream Machine with UI5 Controls	In our UI5 demo app, you'll learn to build an ice cream machine. We will show the demo app and a tutorial with a step-by-step explanation of how to build this app using various UI5 Controls.	Session
13:30	14:10	Room B	Gergana Kremenska, Stanislava Baltova	UI5 Supportability Reloaded	In this session we will present the improvements we've added to SAPUI5 Supportability : Brand new Support Assistant tool enables application developers to check whether their applications follow the guidelines and are built according to the best practices. With Support Rules supplied by SAP, that are also easy to be authored directly in the Support Assistant tool, developers and designers can benefit from best advices how to avoid well known common mistakes and improvement hints on-the-spot of running application. Overview of other Support/Troubleshooting tools will be provided as well	Lecture

Start	End	Room	Speaker Name	Session Title	Session Abstract	Type
13:40	14:40	Room C	DJ Adams	Functional Programming for your UI5 App	Functional programming techniques allow you to write solid-state code, more stable and easier to reason about. In this session you'll get the chance to learn what it's like to use functional programming techniques in your code. Rather than look at code on slides, you'll write it yourself, guided by the session lead, to get a feel for the code under your fingertips and how it works. We'll take some standard UI5 demo apps and replace sections by introducing mechanisms such as currying, partial application and point-free coding, with a healthy dose of list-orientation and immutability.	Hands-On
13:50	14:10	Room A	Meredith Hassett	Easy integrations with UI5	New to SAPUI5? Looking to learn more about integrations inside and out of SAP? In my session, we'll take a look at how to integrate APIs, Business Services, and OData services with UI5. You'll see how easy it is and be on your way to building an integrated application. We'll use SAP technologies like Web IDE, Cloud Platform, and API Business Hub to show how easy it is to integrate your SAP world. You'll come out with an understanding of Destinations, OData, AJAX, and REST APIs and be on your way to creating an application with UI5 using external data. 20 minutes is all you need to get started integrating with SAPUI5!	Lecture
14:00	14:40	Booth 1	Yavor Ivanov	SEO for OpenUI5 Apps	You use openui5 to build your publicly facing home page and site content. There are few tricks you can use to make sure search engines can find and understand your content. You will learn about structuring your links, JS rendering of dynamic content and more advanced topics like pre-rendering.	Session
14:00	14:40	Booth 2	Helmut Tammen	Virtual Tour around a Company Site with UI5	In this session you will see a virtual 3D tour around a company site. The employees of the customer wanted to have a graphical visualization of their huge factory site.The users can now fly above their production areas. If they have found the production hall of interest they can walk inside and have a look at the production equipment. For further investigation they can dive deeper and deeper. There are two modes of visualization available. The Free Flight and the Egoshooter mode.Furthermore the users can jump into SAP PM transactions, into OpenText documents and other systems to get more information related to the selected equipment.All this is achieved by using SAPUI5 and the sap.ui.vk library. Cause the standard library did not completely fulfill the users requirements in respect to usability we enhanced the vk library using some technologies and ideas from WebGL and Three.jsCome to Booth 2 from 2:00 PM to 2:40 PM and I will show you whats possible with UI5 in the field of 3D visualization.	Session
14:00	15:00	Booth 3	Christoph Laux, Bohdan Pukalskyi	Tiles in UI5	A tile is a container that represents an app on the SAP Fiori launchpad . The Generic Tile control and related content provide a toolbox in UI5 that allows the display of a variety of content, such as news, KPIs or images.	Session
14:20	14:40	Room A	Michael Graf, Emanuele Ricci	Collaborators wanted for UI5Lab - a Custom UI5 Repo	UI5 makes creation of custom controls and extensions of the framework very easy. With project "UI5Lab" - a community-driven initiative started in April - we created a concept for a public place to share, contribute, and consume these artifacts in your application projects. UI5Lab is an exceptional project where UI5 developers and the Community collaborate interactively on Slack, Trello, and GitHub to discuss best practices and drive the topic. We are jointly working on the project's mission and are actively looking for contributors in all areas of the project.Join @michadelic and @stermi to see the current status of the UI5Lab prototype and learn how to contribute to make it a success!	Lecture
14:20	14:40	Room B	Christopher C. Bouveret	The UI5 app to create UI5 apps	Since its foundation iTiZZiMO deals with SAP and integrated business apps. As OpenUI5 was released we were perfectly happy to have found a library to fulfill our requirements in terms of optics, performance and robustness. Since the first release of OpenUI5 we use the technology for the frontend design of our platform Simplifier that in turn allows the creation of further UI5 apps.The Simplifier itself consists of three parts, the UI designer, the process designer and the code designer. We use several established elements of UI5 library but also developed own UI5 controls, mainly presented within the process designer. Here, the business logic of the application is created via Visual Scripting.As most of our customers are SAP customers using OpenUI5 and SAPUI5 they of course prefer the SAP technology due to the trouble-free visualization of SAP-data for mobile devices.So to say, we created a huge UI5 app creation machine with its UI based on OpenUI5.We want to present our technology and custom UI5 controls to show the great variety of the UI framework and our own custom framework for process designing.To get a brief overview, please visit: https://www.youtube.com/watch?v=IcZCekNxPhk	Lecture
14:50	15:10	Room A	Dmitriy Buslov	Mixed Reality with OpenUI5	WebVR is an open standard that makes it possible to experience Virtual Reality in the browser.In this session I will show an example of OpenUI5 component for VR and a little extension with Mixed Reality.	Lecture

Start	End	Room	Speaker Name	Session Title	Session Abstract	Type
14:50	15:10	Room B	Denny Schreber	UI5 Apps beyond the office	Session Description: In this session I will discuss options how UI5 web apps can be used as a basis for apps beyond your typical office requirements. While SAP Fiori apps and Fiori LaunchPad are the basis for SAPs Digital Workplace of the future, there exist much more possibilities how the web can be the basis for your digitalization efforts. We are looking into WebAPIs, standards such as WebRTC and 3rd party extensions and how this can be applied in enterprise settings. Adding Cloud APIs into the mix, lots of demand for feature-rich apps can already be fulfilled leveraging the web.	Lecture
14:50	15:50	Room C	Thilo Seidel	FLP meets SAPUI5 – extending the Fiori Launchpad	Let's build a simple FLP plugin (based on a UI5 Component) together. Once deployed to a FLP on Cloud Platform we will start to use the renderer extension api of FLP to place SAPUI5 controls into the FLP UI to improve the user experience of the Lauchpad AND learn that SAPUI5 and Fiori Launchpad are actually of the same kind. Prerequisites: - Laptop - an SAP CP trial account	Hands-On
14:50	15:30	Booth 1	Peter Muessig, Matthias Oßwald	Components – More Performance!	Describes the components concepts and especially the concept of the descriptor with regards to performance improvements (manifest first, async loading, model preloading, ...)	Session
14:50	15:30	Booth 2	Stephan Heyne	Teaser: Implementing Custom Tiles for SAP Fiori Launchpad as SAPUI5 Components	Custom SAP Fiori launchpad tiles can now be developed similar like SAPUI5 apps are created. This session is marked as a teaser as this is a new approach which is not yet available on all Fiori technology stacks.	Session
15:00	16:00	Booth 3	Bohdan Pukalskyi, Dominic Holzwarth	Smart Micro Charts	Use OData annotation with the SmartMicroChart control to add analytics to your application with less javascript coding.	Session
15:20	15:40	Room A	Gregor Brett	Building a companion conversational UI for a Fiori App	Building a Conversational UI for the Fiori My Inbox app using API.AI. I will run through the code needed and do a live demo.	Lecture
15:20	15:40	Room B	Aparna Narayanaswamy	Controlling UI5 Apps and FLP via Speech	Modern browsers provide Web Speech API, enabling the application of speech recognition in web applications.We have developed an application that demonstrates how this browser capability can be leveraged in the FLP as a control mechanism.	Lecture
15:40	16:20	Booth 1	Andreas Kunz	Create your own UI5 controls – what's coming up	Have you developed your own UI5 controls? Yes? It's getting even easier now! We are working on new ways to bind data within composite controls and to even declare controls by combining others in so-called "FragmentControls"! (straight from the lab, never seen before)	Session
15:40	16:20	Booth 2	Vered Constantin	Code-free Fiori Apps with SAP Web IDE RAD and Layout Editor	Did you know you can create beautiful SAP Fiori applications without any coding?This is now possible with the innovative SAP Web IDE RAD perspective that allows you to view and modify your application using visual editors.You don't have to deal with complex technologies no more, from now on you can use SAP Web IDE RAD perspective and layout editor to add pages to your app, edit the UI, drag & drop controls, create event handlers, add bindings and much more.All without a single line of code!	Session
15:50	16:30	Room A	Mateusz Skadorwa, Tomasz Wilk	IoT full stack scenario	IoT is the future, and SAP HANA is already future compatible. Is SAPUI5 the door for the users, to enter?IoT scenario will be presented, using such elements as Arduino, SAP HANA and SAPUI5.Temperature data are put in the HANA database, they are displayed in UI5 application in a chart, update in real time.The strong point of this presentation is the full stack development of IoT scenario, SAP makes it happen.	Lecture
15:50	16:30	Room B	Michael Dell, Jascha Quintern	A modern OpenUI5 app project boilerplate	Based on a public OpenUI5 boilerplate project (not published, yet) we want to share our experience and knowledge on how to setup and use a modern OpenUI5 app structure and build process by using Babel, Flow and Gulp (especially addressing non-SAP developers). Furthermore an overview of very useful best practices, does & don'ts and quick enhancements (like new useful methods in the app Component and BaseController) that should speed up your development workflow and that keep the app maintainable and scalable.	Lecture
16:00	17:00	Room C	Stanislava Baltova, Yavor Ivanov	Fiori 2.0 for Your Application	Find out everything you need to know about the new version of SAP Fiori. Learn what makes Fiori 2.0 different and which are the new UI5 features empowering Fiori 2.0 experience.In this session we will show and tell how to develop your Fiori 2.0 app from scratch and even more - how to migrate your existing app to Fiori 2.0.Prerequisites:You will work in SAP WebIDE, trial accounts are already created for you, so you do not need anything else than your laptop. In case of network issues, we would fall back to using nodejs, NPM and Git, so you should preferably have those installed.	Hands-On
16:00	17:00	Booth 3	Pia Kinkel, Christoph Laux, Bohdan Pukalskyi	Embedded Analytics with Charts	Learn how to use various types of charts in different sizes and form factors to provide analytical insights in your application.	Session

Start	End	Room	Speaker Name	Session Title	Session Abstract	Type
16:30	17:10	Booth 1	Jiawei Cao, Malte Wedel	Time or Money? Time (DateFormat) and Money (NumberFormat)!	With UI5, you don't need to struggle with the dilemmas of happiness which oblige you to choose one from time and money. You can have both of them! Oh, here we mean that you can have both time and money perfectly formatted across different locales.In this session, we will present the most exciting features of core.format.NumberFormat and core.format.DateFormat with interactive examples. We will demonstrate how we tackle the seemingly easy but actual complicated task to perfectly format date and number across different locales.	Session
16:30	17:10	Booth 2	Ian Robert Taylor, Dirk Teufel	Drafts: Extending Two-Way Binding to Provide an Editing Concept	In this Demo Booth session we will explain the concepts of Drafts, which enable a concept for editing entities.Two way binding provides a mechanism to maintain entities, but does not offer the feature to lock an entity during editing nor the option to control the visibility of a changed entity.In this session we examine the features needed from OData and from Function Imports that provide the mechanism to enable Drafts in a Freestyle Fiori App according to the SAP Fiori UX Guidelines.	Session
16:40	17:20	Room A	Matthias Oßwald, Merlin Beutlberger	CI: Build process & automated testing of UI5 Apps	Learn how to continuously develop, build and test UI5 Apps using Open Source Node.js based tools.You will see how to apply dependency loading, bundling, minification und automated testing in your UI5	Lecture
16:40	17:20	Room B	Alexander Rauh, Sebastian Wennemers	Keep an eye on SAPUI5 Flexibility	What is SAP's new extensibility approach all about? Well, the key is flexibility. Partners and customers need to adapt the UIs of SAP apps, for example add, hide or rearrange fields. Sounds technical and complicated? SAPUI5 extensibility changes all that allowing upgrade-safe, modification-free, and role-based UI changes with intuitive and easy-to-use tools – even for non-developers.What's the strategy behind it, what are the benefits, and what's the roadmap? In this session you'll find out.	Lecture
17:00	18:00	Booth 3	Christoph Laux	Integrate Feed Capabilities Using UI5 Controls	Social media is ubiquitous, but a feed can also include system events or comments. UI5 provides a set of controls that support you in implementing feed capabilities for your application.	Session
17:20	18:20	Room C	Frederic Berg	Getting started with UI5 on Cloud Foundry	In this session, we will demonstrate how to get started on cloud foundry. We will see how to onboard onto the platform, install the necessary tools and deploy a UI5 application which makes use of platform services to persist its data.Prerequisites:Please have Node.js installed on your laptop and your own hanatrial account ready.	Hands-On
17:20	18:00	Booth 1	Savio Dimatteo	Effortless OPA testing with Gherkin Reusable Specs	One Page Acceptance Tests (OPA5) enable developers to test UI5 applications from the interaction point of view with relative ease. OPA5 can be further combined with Gherkin which provides a framework to describe test scenarios in natural language. With OPA5 and Gherkin in place, the developer must close a gap: translate sentences from natural language into code that runs the OPA tests.In this talk I show how to bypass this time-consuming activity, and have the developer's focus shifted toward writing the actual test specification in natural language rather than code.	Session
17:20	18:00	Booth 2	Elena Makarenko	A hitchhiker's guide to the UI5 demo apps & tutorials	There are many hidden gems waiting to be discovered in our demo kit and we consistently update our demo apps and tutorials to reflect the latest recommendations of the UI5 framework. See how you can quickly get up to speed and where to find essential features that you can re-use in your application projects. Enjoy a free tour across our Demo Apps, Tools, Templates, and Tutorials to find out the true meaning of code, the UI5verse, and everything.	Session
17:30	17:50	Room A	Volker Buzek	Real-time Image Processing & Augmented Reality	It all started with a Proof-of-Concept of a UI5 hybrid application for discrete object recognition on mobile devices. In the course of the PoC, research led to several experiments around the key words in the session title: from real-time Image manipulation via visual object recognition up to Augmented Reality flavors, all of that within the UI5 framework. I'd like to show the results of the experiments and evaluate their sustainability and production readiness.	Lecture
17:30	17:50	Room B	Benedikt Schölch, Tobias Sorn	Leveraging Service Workers	Make your app future proof by taking the advantage of Service Workers in combination with UI5. In this talk you should learn about the new opportunities you have with Service Workers when applied to a UI5 application.	Lecture
18:00	18:20	Room A	Jan Zaruba, Tomas Krejci	From native Android to UI5	Movement from native Android to UI5 in order to show the way over hybrid application with Cordova using native business logic. Problems, learnings and outlook to move it to JS.	Lecture
18:00	18:20	Room B	Matthias Oßwald	UI5 Theming explained	Get a deep dive into how theming in UI5 works and how to easily build your own themes.This includes Introduction into Less.js Theme structure and extension Usage of Node.js based build tools to compile custom themes	Lecture